

NOV 08 2006 Atty. Dkt. No. 073442-0301

**Amendments to the Claims/Listing of Claims:**

Please amend Claim 10 and add Claims 33-39. This Listing of Claims will replace all prior versions, and listings, of claims in the application.

1.-9. (Canceled)

10. (Current Amended) A eukaryotic expression vector comprising a recombinant nucleic acid sequence encoding thiaminase I from *N. gruberi* as set forth in SEQ ID NO:3.

11-32. (Canceled)

33. (New) A vector comprising a recombinant nucleic acid sequence encoding thiaminase I from *N. gruberi* as set forth in SEQ ID NO:3.

34. (New) A purified, enriched, or isolated nucleic acid sequence encoding thiaminase I from *N. gruberi*, wherein said nucleic acid sequence is at least 90% identical to an equal length sequence at least 200 nucleotides in length of the *N. gruberi* thiaminase sequence as set forth in SEQ ID NO. 3.

35. (New) The nucleic acid sequence of claim 34, wherein said nucleic acid sequence comprises a sequence at least 95% identical to the sequence of SEQ ID NO. 3.

36. (New) A bacterium selected from the group consisting of avirulent *C. sporogenes*, avirulent *C. beijerinckii*, and attenuated, non-pathogenic *S. typhimuriumi*, comprising a recombinant nucleic acid sequence encoding thiaminase I from *N. gruberi* as set forth in SEQ ID NO:3.

37. (New) The bacterium of claim 36, wherein said bacterium is avirulent *C. sporogenes*.

38. (New) The bacterium of claim 36, wherein said bacterium is avirulent *C. beijerinckii*.

Atty. Dkt. No. 073442-0301

39. (New) The bacterium of claim 36, wherein said bacterium attenuated, non-pathogenic *S. typhimurium*.